

ORIGINAL

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STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Form 3
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JUL 9 2002

Illinois Commerce Commission
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing
protection, or to install new protection under 92 Illinois
Administrative Code 1535.400 (d)

X-11824
T02-0051

Date: June 27, 2002

To the Illinois Commerce Commission:

The petitioner **Elgin, Joliet & Eastern Railway Company** shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

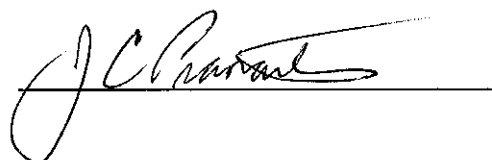
To improve public safety at the crossing of the EJ&E Illinois River Line track and the Black Road public highway, designated as DOT # 261 008Y milepost 16.16, in Troy Township Will County, by replacing the existing passive Crossbuck protection with a complete new crossing protection system with Gates. LED Automatic Flashing Lights controlled by Constant Warning Time Devices

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

**Elgin, Joliet & Eastern Railway
Company**

By



**J.C. Pranaitis
Vice-President Midwest Operations
815- 740- 6904**

(Attorney for Petitioner)

(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Ill. Adm. Code 1535.400(d).

1. Name of Railroad Company Elgin, Joliet & Eastern Railway Company
2. Crossing Number 261 008Y
3. Village or City Troy Township, Will County
4. Name of Street or Highway Black Road
5. Public Agency Maintaining Highway _____
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)
Unsignalled passive crossing protected by Crossbucks
7. Protection desired: (Give details)
Harmon HXP-3R Crossing Predictor, Gates with LED Automatic Flashing Lights, Solid State Crossing Controls and Electronic Bells
8. Number of main tracks one Other tracks _____
9. Number of passenger train movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
10. Number of freight train movements: 6 a.m. to 6 p.m. 2 6 p.m. to 6 a.m. 0
11. Approximate number of switch movements: 6 a.m. to 6 p.m. 0 6 p.m. to 6 a.m. 0
12. Maximum speed of trains at crossing on each track in each direction
Track 1 N/E Bound 25 mph S/W Bound 25 mph
Track 2 N/E Bound _____ mph S/W Bound _____ mph
Track 3 N/E Bound _____ mph S/W Bound _____ mph
13. Passenger platforms served by tracks within the limits of track circuits, if any 0
14. Where automatic signals or gates are proposed, approximately number of train or engine movements daily which would cause false indications or operation 0

15. Nature and approximate amount of street or highway traffic over crossing
1000

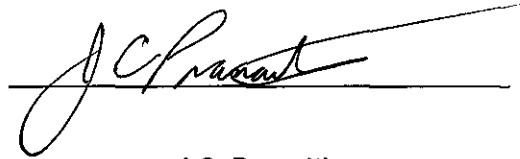
16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
- (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

VERIFICATION

I, **J.C. Pranaitis**, first being duly sworn upon oath depose and say that I am **Vice President Midwest Operations** of **Elgin, Joliet & Eastern Railway Company**, an **Delaware** corporation; that I have read the above and foregoing petition by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon *information and belief*, and as to those, I believe same to be true.

A handwritten signature in black ink, appearing to read "J.C. Pranaitis", is written over a horizontal line.

J.C. Pranaitis
Vice-President Midwest Operations

GUIDELINES FOR CROSSING WARNING TIME AND APPROACH DISTANCE CALCULATION

MAXIMUM SPEED IN MPH	C T IN SECONDS	BUFFER TIME IN SEC.	TOTAL WARNING TIME IN SECONDS	E R T IN SECONDS	A P T IN SECONDS	TOTAL APPROACH TIME IN SECONDS	APPROACH DISTANCE IN FEET
25	0	5	25	8	0	33	1213

SPEED IN FPS
37

ENTER DATA
SHADED IN
BLACK

CALCULATED
VALUES ARE
SHADED IN RED

CLEARANCE TIME CALCULATOR

LONGEST DISTANCE CT
IN FEET IN
(35 FT. MINIMUM) SECONDS

35 0

FROM THE CENTER OF THE WARNING DEVICE TO
6 FEET BEYOND THE FAR RAIL OF THE CROSSING.
USE THE LONGEST DISTANCE !!!!!

FINDING TRAIN SPEED FROM RECORDER DATA

ENTER SHUNT ENTER SPEED
DISTANCE TIME IN MPH
IN FEET IN SEC. APROX.

1213 33 25

ENTER SHUNT DISTANCE FOR THE CROSSING
AND THEN ENTER THE TIME FROM MD DROP
TO ISLAND DROP

APT - Advance Preemption Time

ERT - Equipment Response Time

CT - Clearance Time

Note - Set Predictor Warning Time to match "Total Warning Time in Seconds"

Note - Set "TCR" or other "XR" control DAX to match "APT" if required for Advance Warning, or to "CT" if Simultaneous Warning is required.

Note - ERT has extra 4 seconds for Speedometer error. Add 4 seconds to equipment requirements

Crossing Name: Black Road - Troy Township, Illinois